

05-12-05

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PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/734,999
	Filing Date	12/12/2003
	First Named Inventor	Marsh et al.
	Art Unit	2822
	Examiner Name	D. Kuong
Total Number of Pages in This Submission	Attorney Docket Number	MI22-2461

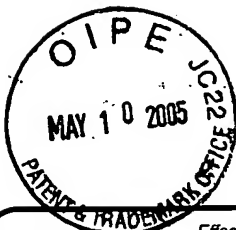
ENCLOSURES (Check all that apply)		
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<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<b>EV550714785</b>	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Mark S. Matkin, Reg. No. 32,268 Wells St. John, P.S.
Signature	
Date	5/10/05

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as express mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____			
Typed or printed	Jim Tidrick		
Signature		Date	5-10-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

### Complete if Known

Application Number 10/734,999  
Filing Date 12/12/2003  
First Named Inventor Marshi et al.  
Examiner Name K. Duong  
Art Unit 2822  
Attorney Docket No. MI22-2461

### METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below

☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

☒ Credit any overpayments

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### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues)

Fee (\$)

Small Entity Fee (\$)

50

25

Each independent claim over 3 (including Reissues)

200

100

Multiple dependent claims

360

180

##### Total Claims

##### Extra Claims

##### Fee (\$)

##### Fee Paid (\$)

- 20 or HP = x =

HP = highest number of total claims paid for, if greater than 20.

##### Indep. Claims

##### Extra Claims

##### Fee (\$)

##### Fee Paid (\$)

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

##### Multiple Dependent Claims

##### Fee (\$)

##### Fee Paid (\$)

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

##### Total Sheets

##### Extra Sheets

##### Number of each additional 50 or fraction thereof

##### Fee (\$)

##### Fee Paid (\$)

- 100 = / 50 = (round up to a whole number) x =

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

##### Fees Paid (\$)

Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement

\$180.00

### SUBMITTED BY

Signature Registration No. 32,268 Telephone (509) 624-4276  
(Attorney/Agent)  
Name (Print/Type) Mark S. Matkin Date 5/10/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No. .... 10/734,999  
Filing Date ..... December 12, 2003  
Inventor ..... Eugene Marsh  
Assignee ..... Micron Technology, Inc.  
Group Art Unit ..... 2822  
Examiner ..... Khanh B. Duong  
Attorney Docket No. .... MI22-2461  
Customer No. .... 021567  
Title ..... Deposition Methods With Time Spaced and Time Abutting Precursor Pulses

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

References -- See Attached Form PTO-1449

The attached Form PTO-1449 is submitted in compliance with 37 CFR §1.56. Pursuant to FEDERAL REGISTER, Vol. 69, No. 182, pg. 56542 (September 21, 2004), no copies of any cited U.S. patents or U.S. published applications are included herewith. Copies of all other cited art are attached. No admission is made regarding whether the listed references are prior art.

Respectfully submitted,

Dated: \_\_\_\_\_

5-10-05

By: \_\_\_\_\_

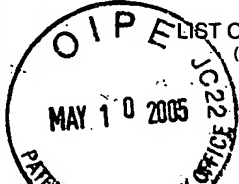
Mark S. Matkin  
Reg. No. 32,268

EV550714785

05/13/2005 EFLORES 00000012 10734999

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180.00 OP

Form PTO-1449  <div style="text-align: center;">  </div>	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MI22-2461	SERIAL NO. 10/734,999
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: Eugene Marsh et al.	
FILING DATE December 12, 2003		GROUP 2822	

U.S. PATENT DOCUMENTS							
*Examiner's Initials	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
AA	2004/0083959 A1	05/2004	Carpenter et al.	118	715		
AB							
AC							
AD							
AE							
AF							
AG							
AH							
AI							

FOREIGN PATENT DOCUMENTS								
Document Number	Date	Country	Class	Subclass	Translation			
					Yes	No		
AJ								
AK								
AL								

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
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	AN		
	AO		
EXAMINER		DATE CONSIDERED	
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>			